		Application No.	Applicant(s)
Notice of Allowability		09/919,777	UHLIK ET AL.
		Examiner	Art Unit
		Thu Ha T. Nguyen	2153

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *communication filed on 09/20/07*.

2. ☒ The allowed claim(s) is/are *32,36-40,42,45-47 and 49-51*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

       Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

THU HA NGUYEN
PRIMARY EXAMINER

Examiner's Amendment

1.   An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview with Applicants' Representative, Mr. Jared S. Engstrom (Reg. No. 58,330), on December 05, 2007.

3.   The application has been amended as follow:

In the claims:

32. (Currently Amended) A method comprising:

receiving a request to establish an end-to-end network communication session between a subscriber unit in a wireless communication system and a data network access server through a first basestation;

determining whether the received request is a request for a new session or a request to handoff an existing session from a second basestation wherein determining comprises analyzing attribute-value pair(s) (AVP) of the received request to identify a callType AVP and identifying the received request as a request for a new session if an identified callType AVP associated with the received request denotes a new call; ~~and~~

generating, if the received request is a request for a new session, a communication session identifier that follows the session and the subscriber unit as the

subscriber unit moves from one basestation coverage area to another basestation

coverage area;

<u>authenticating, if the request is a request to handoff the existing session, an</u>

<u>existing communication session identifier received with the request; and</u>

<u>wherein generating the communication session identifier further comprises:</u>

<u>composing a deterministic element of the communication session identifier;</u>

<u>composing a random element of the communication session identifier; and</u>

<u>employing a mathematical function to generate the communication session</u>

<u>identifier using the deterministic element and the random element.</u>

33. (Cancelled).

34. (Previously cancelled).

35. (Cancelled).

36. (Currently amended) The method of claim ~~35~~ <u>32</u>, wherein the deterministic element

is comprised of one or more of an electronic serial number (ESN) of the accessing

subscriber unit, a media access control (MAC) address of the subscriber unit, and/or a

telephone number associated with the subscriber unit.

37. (Currently amended) The method of claim ~~35~~ <u>32</u>, wherein the random element is

comprised of one or more of a pseudo-random number, and/or a true random number

generated from radio frequency (RF) energy of thermal noise associated with the

communication session.

38. (Currently amended) The method of claim ~~35~~ 32, wherein the mathematical function

employed concatenates the deterministic element and the random element to generate

the communication session identifier.

39. (Currently amended) The method of claim ~~35~~ 32, wherein the mathematical function

employed generates a hash of the deterministic element and the random element to

generate the communication session identifier.

40. (Currently Amended) An apparatus comprising:

a network interface to receive a request for an end-to-end network

communication session between a wireless communication system subscriber unit and

the apparatus through a first basestation; ~~and~~

a memory to store a communications agent to analyze attribute-value pair(s)

(AVP) of a received incoming call request control command and identify, a callType

AVP to determine whether the received request is a request for a new session or a

request to handoff an existing session from a second basestation; ~~and~~

a session identification generator, invoked by the communications agent if the

received request is a request for a new session, to generate a communication session

identifier that follows the session and the subscriber unit as the subscriber unit moves

from one basestation coverage area to another basestation coverage area;

a security module , invoked by the communications agent if the request to

handoff the existing session, to authenticate an existing communication session

identifier with the request; and

wherein the session identification generator further composes a deterministic

element of the communication session identifier; a random element of the

communication session identifier; and

employs a mathematical function to generate the communication session

identifier using the deterministic element and the random element.

41. (Previously cancelled).

42. (Previously Presented) The apparatus of claim 40, wherein the communication

session identifier generated by the session identification generator comprises at least a

deterministic element and a random element.

43. (Previously cancelled).

44. (Previously cancelled).

45. (Previously Presented) The apparatus of claim 42, wherein the session identification

generator composes the deterministic element using one or more of an electronic serial

number (ESN) of the accessing subscriber unit, a media access control (MAC) address

of the subscriber unit, and/or a telephone number of the subscriber unit.

46. (Previously Presented) The apparatus of claim 42, wherein the session identification

generator composes the random element of the session identifier utilizing a pseudo-

random number generator.

47. (Previously Presented) The apparatus of claim 42, wherein the session identification

generator composes the random element of the session identifier by generating a true

random number from radio frequency (RF) thermal noise.

48. (Previously cancelled).

49. (Currently Amended) An article of manufacture comprising a machine accessible

storage medium having stored therein a plurality of executable instructions which, when

executed by an accessing computing device, cause an electronic system to:

receive a request to establish an end-to-end network communication session

between a subscriber unit in a wireless communication system and a data network

access server through a first basestation;

analyze attribute-value pair(s) (AVP) of the received request and identify a

callType AVP to determine whether the received request is a request for a new session

or a request to handoff an existing session from a second basestation wherein the

received request is identified as a request for a new session if the callType AVP is

absent from the incoming call request or if an identified callType AVP associated with

the received request denotes a new call; and

generate, if the received request is a request for a new session, a communication session identifier that follows the session and the subscriber unit as the subscriber unit moves from one basestation coverage area to another basestation coverage area;

authenticate, if the request is a request to handoff the existing session, an existing communication session identifier received with the request; and

wherein generate the communication session identifier further comprises:

compose a deterministic element of the communication session identifier;

compose a random element of the communication session identifier; and

employs a mathematical function to generate the communication session identifier using the deterministic element and the random element.

50. (Previously Presented) The article of manufacture of claim 49 further to authenticate, if the request is a request to handoff an existing session, an existing and valid communication session identifier received with the request.

51. (Previously Presented) The article of manufacture of claim 49, wherein the communication session identifier comprises a deterministic element and a random element.

52-58. (Previously cancelled).

59. (Cancelled).

60. (Previously cancelled).

61-63. (Cancelled).

Reasons for Allowance

4.   Claims 32, 36-40, 42, 45-47, and 49-51 are allowed.

5.   Claims 33-35, 41, 43-44, and 48 are cancelled without prejudice.

6.   This communication warrants no examiner's reason for allowance, as applicant's reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104 (e). In this case, the substance of applicant's remarks filed on September 20, 2007 with respect to the amended claim limitations point out and make clear the reason claims are patentable over the prior art of record. Thus, the reason for allowance is in all probability evident from the record and no statement for examiner's reason for allowance is necessary (see MPEP 13202.14).

7.   Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

8.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thu Ha Nguyen, whose telephone number is (571)

272-3989. The examiner can normally be reached Monday through Friday from 8:30

AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Glenton Burgess, can be reached at (571) 272-3949.

The fax phone numbers for the organization where this application or proceeding

is assigned are (571) 273-8300 for regular communications.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

THU HA NGUYEN
PRIMARY EXAMINER

December 9, 2007